```
BRS
              (circumferential$ with $mode) and 385/$.ccls.
       2002/05/15 15:18
                                  Truncation Overflow. Return string from Server is:
5'0'0'CIR
              1
BRS
       5
              (circumferential$ with $mode with resonator) and optic$
       2002/04/23 17:02
                                  Truncation Overflow. Return string from Server is:
5'0'0'CIR
BRS
       1
              6101300.pn. USPAT
                                          2002/04/23 17:53
BRS
              resonator and (fiber with taper) and optic$ USPAT
       54
                                                                     2002/04/24
11:20
              Truncation Overflow. Return string from Server is: 5'18688'3
BRS
              (resonator and (fiber with taper) and optic$) and modulator USPAT
       16
       2002/04/23 17:56
BRS
       23
              5138676.URPN.
                                  USPAT
                                                2004/04/16 14:41
              ("5138676" | "5452393" | "5699461" | "5883992" | "6008927").PN.
BRS
       USPAT
                     2002/04/24 11:15
BRS
       2
              resonator and (fiber with taper) and optic$ and garnet
                                                                     USPAT
       2002/04/24 12:53
                                  Truncation Overflow. Return string from Server is:
5`18688`3
BRS
      45
              (($resonator with ring$) or FRR) with modulator
                                                              USPAT
       2002/04/29 16:19
                                  Truncation Overflow. Return string from Server is:
5'0'1'$RE
BRS
      1
              "5446573".PN.
                                  USPAT
                                                2002/04/24 13:00
       0
BRS
      126
             resonant with optic$ with modulator USPAT
                                                              2002/04/29 17:09
       Truncation Overflow. Return string from Server is: 5'46352'4
              ((($resonator with ring$) or FRR) with modulator) and (resonant with
BRS
optic$ with modulator)
                            USPAT
                                         2002/04/24 13:03
                                                                            0
              5802235.URPN.
BRS
      5
                                  USPAT
                                                2002/04/29 16:13
       0
BRS
      0
              5802235.URPN. and (fiber$ with $ring$)
                                                       USPAT
                                                                     2002/04/29
17:03
              Truncation Overflow. Return string from Server is: 5`6`7`"58
                                                                            1
BRS
      2
              5802235.URPN. and ring
                                         USPAT
                                                       2002/04/29 16:16
       0
BRS
      2
             ((($resonator with ring$) or FRR) with modulator) and (BOA or bifurc$)
             USPAT
                           2002/04/29 16:36
and fiber
                                                       Truncation Overflow. Return
string from Server is: 5'0'1'$RE
BRS
      2
             (resonant with optic$ with modulator) and (BOA or bifurc$) and fiber
      USPAT
                    2002/04/29 16:27
                                                Truncation Overflow. Return string
from Server is: 5'46352'4
                            1
BRS
             5001523.pn. USPAT
                                         2002/04/29 16:37
                                                                            0
      1
BRS
                                  USPAT
      9
             5001523.URPN.
                                                2002/04/29 16:39
      0
BRS
      6
             5001523.URPN. and fiber
                                         USPAT
                                                       2002/04/29 16:40
      0
BRS
      7
             5123027.URPN.
                                  USPAT
                                                2002/04/29 16:49
      0
```

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BRS
       130
              fiber with ring with resonator USPAT
                                                         2002/04/29 17:05
       0
BRS
       8
              ((resonant with optic$ with modulator) or ((($resonator with ring$) or
                                                  2002/04/29 18:47
FRR) with modulator)) and spacer
                                   USPAT
       Truncation Overflow. Return string from Server is: 5'46352'4
                                                                       1
              5446579.URPN.
                                                  2002/04/29 18:19
BRS
       2
                                    USPAT
       0
BRS
       24
              ((resonant with optic$ with modulator) or ((($resonator with ring$) or
FRR) with modulator)) and axial$
                                   USPAT
                                                  2002/04/29 19:32
       Truncation Overflow. Return string from Server is: 5'46352'4
BRS
              ring with resonator with axial$
                                                  USPAT
                                                                2002/04/29 19:37
BRS
       5
              ((resonant with optic$ with modulator) or ((($resonator with ring$) or
FRR) with modulator)) and taper
                                    USPAT
                                                  2002/04/29 20:48
       Truncation Overflow. Return string from Server is: 5'46352'4
              (ring with resonator with axial$) and taper$ USPAT
BRS
                                                                       2002/04/29
19:35
BRS
       22
              (ring with resonator) same taper$
                                                  USPAT
                                                                2002/04/29 19:39
BRS
              ((ring with resonator) same taper$) and optic$
                                                                USPAT
       2002/04/29 19:39
                                    Truncation Overflow. Return string from Server is:
5'0'0'OPT
              1
              ((resonant with optic$ with modulator) or ((($resonator with ring$) or
BRS
       167
FRR) with modulator) or (resonant with optic$ with modulator)
       2002/08/28 08:12
                                    Truncation Overflow. Return string from Server is:
5`46352`4
              1
BRS
      0
              (((resonant with optic$ with modulator) or ((($resonator with ring$) or
FRR) with modulator)) or (resonant with optic$ with modulator)) and (fiber same $ring$)
       USPAT
                     2002/04/29 21:38
                                                  Truncation Overflow. Return string
from Server is: 5'217366'
BRS
              (((resonant with optic$ with modulator) or ((($resonator with ring$) or
FRR) with modulator)) or (resonant with optic$ with modulator)) and (fiber same
resonator)
              USPAT
                            2002/04/30 16:29
              (((resonant with optic$ with modulator) or ((($resonator with ring$) or
BRS
       2
FRR) with modulator)) or (resonant with optic$ with modulator)) and (fiber same
resonator) and taper$ USPAT
                                   2002/04/30 16:40
                                                                Truncation Overflow.
Return string from Server is: 5'46422'4
                                           1
BRS
       18501 385/$.ccls.
                            USPAT
                                                                              0
                                           2002/04/30 16:42
BRS
              385/$.ccls. and (fuse$ with $fiber$ with $taper$)
                                                                USPAT
       2002/04/30 17:19
                                    Truncation Overflow. Return string from Server is:
5'0'0'FUS
BRS
       32
              taper with fuse with fiber
                                          USPAT
                                                         2002/05/01 14:48
       0
BRS
       5
              (taper with fuse with fiber) and wrap USPAT
                                                                2002/04/30 17:47
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USPAT
BRS
              ((taper with fuse with fiber) and wrap) and resonator
       2002/04/30 17:48
BRS
              ((taper with fuse with fiber) and wrap) and ring
                                                               USPAT
       2002/04/30 17:48
BRS
              ((resonant with optic$ with modulator) or ((($resonator with ring$) or
FRR) with modulator)) or (resonant with optic$ with modulator) and (over$ with
                            2003/04/04 20:21
                                                        Truncation Overflow. Return
$coupl$)
              USPAT
string from Server is: 5'46422'4
BRS
              (((resonant with optic$ with modulator) or ((($resonator with ring$) or
FRR) with modulator)) or (resonant with optic$ with modulator) and (over$ with
$coupl$)) and (over$ with $coupl$) USPAT
                                                 2002/04/30 18:15
       Truncation Overflow. Return string from Server is: 5'0'0'OVE
BRS
              385/$.ccls. and (over$ adj1 $coupl$) USPAT
                                                               2002/05/01 15:28
       Truncation Overflow. Return string from Server is: 5'0'0'385
                                                                       1
BRS
      32
              taper with fuse with fiber
                                          USPAT
                                                        2002/05/01 14:48
BRS
       1
              385/$.ccls. and (over$ with $coupl$ with critical$) USPAT
       2002/05/01 15:33
                                   Truncation Overflow. Return string from Server is:
5'0'0'385
BRS
      69
              385/$.ccls. and ($coupl$ with critical$)
                                                        USPAT
                                                                      2002/05/01
15:42
              Truncation Overflow. Return string from Server is: 5'0'0'385
                                                                              1
BRS
              385/$.ccls. and ($coupl$ near1 critical$)
                                                        USPAT
                                                                      2002/05/01
15:38
              Truncation Overflow. Return string from Server is: 5'0'0'385
                                                                              1
BRS
              385/$.ccls. and (($coupl$ near1 critical$) same over$)
                                                                      USPAT
      1
       2002/05/01 15:42
                                   Truncation Overflow. Return string from Server is:
5000385
              1
BRS 9
              (385/$.ccls. and ($coupl$ with critical$)) and ((over$ or satur$) with
                            2003/04/06 19:23
                                                        Truncation Overflow, Return
$coupl$)
              USPAT
string from Server is: 5'0'0'OVE
              5313176.PN. USPAT
                                                                             0
BRS
                                          2002/05/02 13:44
BRS
      1
              5313176.PN. USPAT
                                          2002/05/02 16:59
                                                                             0
BRS
      0
              09760822.ap. USPAT
                                          2002/05/02 17:00
                                                                             0
BRS
      21
              mukasa.in. and optic$ USPAT
                                                 2002/05/02 17:01
       Truncation Overflow. Return string from Server is: 5'140'228
                                                                       1
BRS
              5475704.pn. or 5138676.pn. or 5446579.pn. or 5822482.pn. or
5751873.pn. or 5666447.pn. or 5479548.pn. or 4723827.pn. or 4515431.pn. or
4142775.pn. or 6108465.pn. or 5708670.pn. or 5546414.pn. or 5015058.pn.
      USPAT
                     2002/05/13 16:07
BRS
              (grating near1 switch) and (grating near1 filter) and 385/$.ccls.
      2
       USPAT
                     2002/05/15 15:21
BRS
              (grating near1 switch) and (grating near1 filter) and 385/$.ccls.
      USPAT
                     2002/05/15 15:25
BRS
      41
              (grating near1 switch) and 385/$.ccls.
                                                        USPAT
                                                                      2002/05/15
15:29
                     0
              5969834.pn.
BRS
      1
                           USPAT
                                          2002/05/15 15:41
                                                                             0
```

	BRS	0	5969834.URPN	N. USPAT	Σ 2002/	05/15 15:	33	
	BRS	62	((series with gr 05/15 15:45	ating) same Br	agg) and swit	ch	USPAT	
1	BRS	5	((series with gr 05/15 15:47	ating) same Br	agg) same sw	itch	USPAT	
	BRS	15 0	add-drop near1	switch USPA7	2002/	05/15 16:	31	
	BRS	23	(grating near ar	ray near switch	h) and optic\$	USPAT	2002	/05/15
	16:33		Truncation Ove					1
	BRS	23	grating near arr	ay near switch	USPAT	2002/05	5/15 16:34	
		0	0 0	,				
	BRS	2	(grating adil sy	vitch) same (se	eries with grat	ing)	USPAT	
	Ditto	2 (grating adj1 switch) same (series with grating) USPAT 2002/05/15 16:38 0						
	BRS							
	DKS		(grading adj1 sv)5/15 16:41	vitcii) saine (ai	0	1115)	051711	
	ĎDC			ltor noorl quit	· ·	T	2002/05/15	16.44
	BRS	2	grating near1 fi	nei neari swii	CII USFA	7 I	2002/03/13	10.44
	BRS	4	ograting near2 fi	lter near2 swit	ch USPA	ΛT	2002/05/15	16:47
	BRS	2	(grating near2 f	ilter near2 swi	tch) not (grati	no near1	filter nearl	switch)
	DIG		·•		icii) not (grati	ng near r	Titter heart t	, witchij
	USPAT 2002/05/15 16:45 0 BRS 80 (grating with filter with switch) not (grating near2 filter near2 switch)							
	BRS	80 USPA		5/15 16:48	ii) iiot (gratiiig	3 11 Ca 12 11.	itel lical 2 sw	itti)
	DDC				- 41	((¢	4 141	Φ\
	BRS	171	((resonant with	-	, ,		_	9) or
	FRR) i		dulator)) or (res 8/27 11:18	_	0			
	BRS	5	(((resonant with	n optic\$ with n	nodulator) or ((((\$reson	ator with ring	g\$) or
	FRR) v	with mo	dulator)) or (res T 2002/08	onant with opt 3/27 11:18	ic\$ with modu	ulator)) aı 0	nd taper	
	BRS	464	((resonant with	optic\$ with m	odulator) or ((\$resonat	or with ring\$	S) or
	FRR))	and mo	dulator USPAT		8/28 08:16		0	,
	,,		(((resonant with			ne (ring c	r circumfer\$	(i) or
			vith ring\$) or FR				2002/08/28	
	BRS	43	((((resonant wit	th optic\$ with	modulator) sa	me (ring	or circumfer	\$)) or
			vith ring\$) or FR		,	` •		/08/28
	08:20		0	11)) una moua	and tape			, 00, 20
	BRS	6	((((resonant wit	th ontics with	modulator) sa	me (ring	or circumfer	\$)) or
		-	ith ring\$) or FR					ψ <i>))</i> 01
		USPA'	Τ 2002/08	3/28 08:33		0	ŕ	
	BRS	6	((((resonant wit	•	,	` •		,,
	((\$reso		vith ring\$) or FR 98/28 08:55	R)) and modul	ator) and (tap	er with fi	ber\$) USP.	AT
	BRS	123	439/577.ccls.	TISPAT	2002/08/28 0	0.03		0
	טאט	145	7371311.0018.	ODI IXI	2002/00/20 U	J.UJ		U

BRS	10	439/577.ccls.	and ferrule	USPA	AT 2	2002/08/28	09:13				
BRS	0 113		not (439/577.	ccls. and	l ferrule) l	JSPAT	2002/08/28				
09:25		(420/577 p.e.1e	mat (420/577	aala an	d famula))	and fibar	HCDAT				
BRS	17 2002/	(439/5 / /.ccis 08/28 09:30	. not (439/577	ccis. an	a terrule))	and fiber	USPAT				
BRS 96 (439/577.ccls. not (439/577.ccls. and ferrule)) not ((439/577.ccls. not											
(439/577.ccls. and ferrule)) and fiber) USPAT 2002/08/28 11:10											
•	0										
BRS	1	4732446.pn.	USPAT	2002/	08/28 11:2	24	0				
BRS	22	data with plu	g with edge wi	th conne	ector (JSPAT	2002/08/28				
11:30		0									
BRS 0 (data with plug with edge with connector) and ferrule USPAT											
2002/08/28 11:30 0											
BRS	17	ring with reso	onat\$6 with tap	er\$6	USPAT	200	3/04/04 20:36				
		0									
BRS	219	resona\$6 and	(waveguide or	r fiber) a	nd taper\$6	6 and evan	esc\$9 and optic\$6				
	USPA	AT 2003/	04/04 20:40		C)					
BRS	124	resonat\$6 and	l (waveguide o	r fiber)	and taper\$	66 and evar	iesc\$9 and				
optic\$	6USPA	T 2003/	04/04 20:51		0)					
BRS 12 resonat\$6 and (waveguide or fiber) and taper\$6 and evanesc\$9 and											
optic\$6 and 385/130.ccls. USPAT 2003/04/04 20:52 0											
BRS	12	resonat\$6 and	l (waveguide o	r fiber)	and taper\$	66 and evar	esc\$9 and				
optic\$6 and 385/30.ccls. USPAT 2003/04/04 21:07 0											
BRS 22 resonat\$6 and (waveguide or fiber) and evanesc\$9 and optic\$6 and											
385/30.ccls. USPAT 2003/04/06 17:54 0											
BRS	12	(resonat\$6 an	d (waveguide	or fiber)	and evane	esc\$9 and o	optic\$6 and				
385/30	0.ccls.) and taper\$6			04/06 17:5		0				
BRS	1	5475704.pn.	USPAT	2003/	04/06 19:2	24	0				
BRS	1	5446579.pn.		2004/	04/14 22:2	28	0				
BRS	1	6101300.pn.	USPAT	2003/	04/06 20:0	00	0				
BRS	1	5475704.pn.	USPAT	2003/	04/07 14:4	10	0				
BRS	14	ring nearl res	sonat\$6 with ev	vanesc\$6	5 USPAT	2003	3/04/07 14:40				
		0									
BRS	6	5138676.pn.	or 5025043.pn	or 5013	5058.pn. o	r 6108465.	pn. or				
54465	79.pn.	or 6052495.pn.	USPAT; ÛS-	PGPUB	2003/09/	/26 10:40	•				
	0	•									
BRS	1	"2002008105	5" USPA	AT; US-	PGPUB 2	004/04/14	21:53				
	0										
BRS	1	"2002004473	9" USP <i>A</i>	AT; US-	PGPUB 2	004/04/14	21:53				
	0										
BRS	250	(waveguide w	ith mode with	wavele	ngths!) and	d 385/\$.ccl	s. USPAT				
2004/04/14 22:23											
BRS	52	((waveguide	with mode witl	h wavele	engths!) ar	nd 385/\$.cc	els.) and resonator				
USPAT 2004/04/14 22:23 0											
BRS	1	6052495.pn.	USPAT	2004/	04/14 22:2	29	0				
		•									

BRS 7 6052495.URPN. USPAT 2004/04/14 22:30